BEFORE THE BOARD OF COUNTY COMMISSIONERS FOR THE COUNTY OF KLAMATH

	I IN THE MATTER OF ADOPTING A
	2 MANDATORY AIR QUALITY PROGRAM OND
	S ESTHBLISHING BOUNDARIES OND
	4 ENFORCEMENT CONTROLS
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	7 WHEREOS, the health confeture
	7 WHEREAS, the health, safety and welfare of the citizens of Klamath County are advanced.
	8 Klamath County are adversely affected by degradation of ai 9 quality within areas of Klamath County;
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1	WHEREAS Wood as built is
1:	WHEREAS, wood combustion for space heating produces par-
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16	WHEREAS. a mandatage
17	WHEREAS, a mandatory wood burning curtailment ordinance is
18	 essential to comply with provisions of the federal Clean Air Act and assure healthful air quality and;
. 19	"Editiful air quality and;
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21	WHEREAS, the burning of materials such as unrerefined used oil, plastics, garbage, colored paper, panel board and treated wood emits pollutants which are obviously.
22.	wood emits pollutants which are physically harmful, and con-
	tribute to the depredation of air analytic narmful, and con-
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25	PUBLICATION TO COME CONTRACTOR OF ALLEGATIVE CONTRACTOR OF THE CON
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27	tural wastes and commercial wastes during periods of poor atmo-
28	spheric ventilation contributes to degradation of air quality;
29	to degradation of air quality;
30	NOW THEREFORE, THE BOARD OF COUNTY COMMISSIONERS FOR
31	KLAMATH COUNTY HEREBY ORDAINS:
32	The state of the s
33%	1. Chapter 170 is hereby added to the Klamath County Code
34	and is set out herein in its entirety:
35	THE TANK AND ENGINEERS.
36	DIVISION 4
37	CHAPTER 170
38	KLAMATH COUNTY CLEAN AIR ORDINANCE
	PEDUDIA CUBNIK CLEAN AIR ARNINANCE

To set out controls in prob-170.001 Policy and Purpose. lem areas and specifying the honattainment area so that Klamath County will have clean air and improved visibility for the benefit of its citizens health and welfare, to improve economic development apportunities and to be in compliance with terms/of the federal Clean Air Act of 1990 and not exceed the National Ambient Air Duality Standard.

Except where the context otherwise 170.005 Definitions. requires, the definitions given in this section govern the construction of this Chapter.

- (1) Air Quality Advisory. As a means to inform area residents of what the air quality is or potentially will be, an air advisory will be provided. The advisories shall be:
- Red Advisory A notice given for the period of time declared by Klamath County Air Quality when PM-10 concentrations are forecast to exceed or are exceeding 150 ug/m3 for a 24-hour average. Such pollution levels have a high probability of being injurious to public health.
- Yellow Advisory A notice given for the period of time declared by Klamath County Air Quality when PM-10 concen-23 trations are forecast to exceed or are exceeding &1 ug/m3 for a 24-hour average. Such pollution levels have a high probability of being injurious to public health.
 - (c) Green Advisory A notice given for the period of time declared by Klamath County Rir Quality when PM-10 concentrations are forecast to not exceed 80 ug/m3 for a 24-hour average.
 - Air Quality Pollution Areas. Three control zones identified: Urban Growth Boundary (Exhibit A1), Air Quality Control Area (Exhibit A2, A3) and Visibility Control Area (Exhibit A4).
 - (4) Agricultural Operation. An activity on land currently used or land intended to be used primarily for the purpose of abtaining a profit in money by raising, harvesting and selling crops or by the raising and sale of livestock or poultry or the produce thereof, which activity is necessary to serve that purpose; it does not include the construction and use of dwellings customarily provided in conjunction with the agricultural operation. DAR -23-030 (1)
 - (5) Burn Down Time. A period of time allowed for fires in solid fuel-fired wood heating appliances to die down prior to the beginning of enforcement activities. Such burn down time applies with Red or Yellow Advisory periods.

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(6) Certified Wood Burning Appliance. A solid fuel-fired wood heating appliance that appears on the current Oregon Department 3 of Environmental Quality or the United States Environmental Protection Agency listing of solid fuel-fired heating devices 5 tested and approved in accordance with EPA emission certification method published in 40 CFR Part 60, Subpart AAA, 60.530 - 60.539b; February 23, 1988.

9 (7) Cook Stove. 10

A wood burning stove installed in the kitchen which is primarily designed for cooking and has a stove top and It may also be equipped with gas burners.

13 (a) Dry Wood Certificate. A certificate (provided by Klamath County Air Quality) issued by fire departments within the primary Air Quality Control Area. The certificates certify that 16 cordwood is seasoned.

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(9) Fireplace. An open hearth or fire chamber or similar pared place in which a fire may be made and which is built in conjunction with a chimney.

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- Open Burning. Open outdoor fires (including burn barrels/backyard incinerators) of agricultural, commercial, domestic or industrial waste; forestry slash and land clearing bris.4
 - Agricultural waste. Any materials generated or (a) or used by an agricultural operation;
 - Commercial waste. Materials from offices, warehouses, restaurants, mobile home parks, dwellings (apartments) containing more than four family units, hotels, motels, schools or wholesale or retail yards;
 - Domestic waste. Household materials including paper, cardboard, clothing, yard debris, or other material generated in or around a dwelling of four or less family units.

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(d) <u>Industrial waste</u>. Any materials (including process wastes) produced as a direct result of any manufacturing or industrial process;

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(e) <u>Slash</u>. Forest debris or woody vegetation related to the management of forest lands;

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^{*}Ref. DAR 340-21-105 (1(b)) ·*Ref. DAR 340-23-030

(11) <u>Panel Board</u>. Construction panel board manufactured from wood particles or veneer and held together by resins. Such panel board includes, but is not limited to: plywood, particle board and chipboard.

(12) <u>Pellet Stove</u>. Solid fuel-fired burning device designed to heat the interior of a building. It is a forced draft heater with an automatic feed which supplies appropriately sized feed of compressed pellets made from wood fiber or other bio-mass material to the firebox.

(13) Permit. A nomindustrial year-round permit to pollute the airshed for solid fuel-fired burning devices, indoor and out-door trash burners, wood cookstoves and pellet stoves in the primary Air Quality Control Area.

(14) <u>Person</u>. Any individual, partnership, corporation, company or other association.

(15) <u>Prohibited Materials</u>. Any combustible material that normally results in dense or noxious smoke when burned. Also included are any materials which cause a public or private nuisance or a hazard to public safety.

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(16) <u>Seasoned Cordwood</u>. Cordwood which has a moisture content of less than 20x (dry basis) measured with a Delmhorst Wood Moisture Meter (or equivalent meter).

(17) Sole Source of Heat. One or more residential solid fuel woodburning appliances which constitute the only source of space heat in a private residence. No residential solid fuel heating, device or devices shall be considered to be the sole source of heat if the private residence is equipped with a working system which is permanently installed: oil, natural gas, electric, geothermal, solar or propane heating system whether connected or disconnected from its' source.

(18) Solid Fuel-Fired Heating Appliance. A device designed for solid fuel combustion so that usable heat is derived for the interior of buildings and includes cordwood stoves, fireplaces, solid fuel-fired cook stoves and combination fuel furnaces or boilers which burn solid fuels. Solid fuel-fired heating appliances do not include natural gas fired artificial fireplace logs nor do they, for this ordinance, refer to pellet stoves.

(19). Warning. An official notification that a person has been found by inspectors to be burning on a nonauthorized day.

178.100 General Rules and Regulations.

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- VISIBLE AIR CONTAMINANTS. No person operating solid-fuel fired heating appliance within the Air Guality Control Area shall allow smoke of an opacity of greater than that shade designated as No. 1 on the Ringelmann Chart (Exhibit or 20% opacity to be vented to the atmosphere for a period periods aggregating more than three (3) minutes in any one hour period. Emissions created during a fifteen (15) minute start-up period are exempt unless that emission exceeds opacity.
- 16 COAL BURNING. No coal shall be burned unless used as primary heat sources prior to the date of adoption of this 17 18 Ordinance. There shall be a presumption of the prior use of 19 coal in a solid fuel-fired appliance if an affidavit attesting 20 to this use is submitted to Klamath County Air Quality on before January 1, 1992. On or after January 1, 1993, no coal 21 22. shall be burned by any person, private or commercial, within the Air Quality Control Area. 23 24
- APPLIANCE RESALE AND INSTALLATION. The resalle and/or in-26 stallation of used, uncertified solid fuel-fired heating appliances within Klamath County is prohibited, excluding solid-fuel fired cookstoves.
- (4) BURNING PROHIBITED MATERIALS. Prohibited materials shall 31 not be burned in open burning (including burn barrels) or in 32 fireplaces, solid fuel-fired appliances, or cook stoves/trash burners (as defined in 170.005 (15).) within Klamath County. Excepted is rerefined used pil.

170.150 Pollution Prohibitions

(1) PUBLIC RESPONSIBILITIES. 38 Each person that burns indoors or outdoors in the Air Quality Control Area is responsible for being aware and complying with the air quality advisories. 40 . 41 Each person is responsible for acquiring the proper operation permit and exemption to burn. Advisories during the winter 42 heating season are given twice daily through the Air Quality 43 44 Announcer. Pellet stove operators are excluded from following 45 . the advisories. Visible Air Contaminants emissions standards (170.100 (1).) must be adhered to by all permitted and exempted 46 47 device operators. A burn down time will be given with red or yellow curtailment advisories. No enforcement action will take 48 place until after the burn down time.

No person shall operate any solid RED ADVISORIES. (2) fuel-fired heating appliance during Red Advisory periods unless an exemption has been granted pursuant to this Ordinance, warning and/or citation shall be issued if smoke is being discharged through a flue or chimney of noneexempted homes, cluding a burn-down period.

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certified solid Only permitted YELLOW ADVISORIES. fuel-fixed heating appliances may be operated during a Yellow Advisory unless an exemption has been granted. A warning and/or citation shall be issued for noncertified, nonexempt operators if smoke is being discharged through a flue or chimney, any time during a Yellow Advisory period, excluding a burn-down period.

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Open and indoor burning may be GREEN ADVISORIES. ducted so long as other restrictions are complied with.

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170,200. Nonowner Occupied Dwelling Units

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(1) SOLE SOURCE PHASE DUT. Following December 31, 1992, it shall be unlawful for a solid fuel-fired heating appliance to be the sole source of heat in any nonowner (tenant) occupied dwelling unit within the Air Quality Control Area. nonowner dwelling units will be in violation of 170.150 of this Exemptions from phase out may be granted landlords Ordinance. on the basis of income as defined in 170.350 of this ordinance. Upon granting an exemption, the low income phase out of 28 source stoves under 170.350 then must be adhered to (December 31, 1997). If an exemption is granted, tenants must follow the emission standards of this ordinance, 170, 100. Tenants of such a dwelling unit shall be considered in violation, not the owner, if they fail to follow the visible air contaminants provisions of 170.100. All owners with dwelling units with sole 34 1 source heating devices must (a) register or have tenants register for a permit to burn and an exemption if qualified with Klamath County Air Quality annually; (b) owners must demonstrate that a back up heating device has been installed by the 38 . (c) be able to demonstrate that the tenant has been instructed to comply with wood burning curtailment advisories and (d) if the wood heating device has been retained dwelling that a permit be kept current.

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170.250 Airshed Pollution Permits

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(1) Airshed pollution permits for all solid fuel-fired heating appliances are required annually as an offset to polluting Air Quality Control Area. Permits are required for pellet

1 stoves even though they are excluded from the burn advisories. A permit is required for a fireplace only if used as a source of heat. Permits are available from Klamath County Quality. Fees may be established by the Board of Klamath County Commissioners.

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Persons in the Air Quality Control Area who are under 170.350 must obtain a permit annually. exempted

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No new sole source heating permits shall be issued (b) December 31, 1991.

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12: (2) Airshed pollution permits for all outdoor or indoor incinerators, burn barrels and pile burning are required annually as an offset to polluting the Air Quality Control Area. Such permits do not preclude fire department of jurisdiction permit to do outdoor burning.

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Persons obtaining permits who qualify for low income exemptions may have fees waived if their income falls below HUD Very Low Income guidelines.

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22 . 170.300 Open Burning Restrictions

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PROHIBITED MATERIALS. The burning of prohibited materials (as defined in 170.005) within Klamath County is forbidden.

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(2) DPEN BURNING DURING RED AND YELLOW ADVISORY PERIODS. open burning including burn barrels/incinerators is prohibited during Red or Yellow periods within Klamath County unless variance has been approved by Klamath County Air Quality.

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AGRICULTURAL BURNING PROHIBITED. All agricultural open burning v is prohibited at all times in that area of the Air Quality Control Area defined as the Klamath Falls Urban Growth Boundary and within one-quarter mile of that boundary. Variances are available (as defined in 170.400) upon certification of need.

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BURNING PERIOD: Open burning conducted during periods (4) other than Red or Yellow Advisories must be completed during daylight hours. Fires must be completely out by sunset unless otherwise permitted or directed according to existing agreements and programs.

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170.350 Exemptions. Exemptions apply to the Air Quality Control 45 Area; deadlines for changing out heat sources apply only to the 46 47 Klamath Falls Urban Growth Boundary.

(1) ADMINISTRATION. Certificates of Exemption to burn solid fuel-fired heating devices for residential space heating purposes during poor air quality periods may be obtained through Klamath County Air Quality and may be renewed annually. Annual renewal of an exemption is the responsibility of the registrant. Only dry, seasoned wood may be burned and the person must comply with the Visible Air Contaminants 170.100 of this ordinance. All exempted households must also have a permit.

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(2) LOW INCOME EXEMPTION. A person who demonstrates economic need by certifying through proof that his/her income is less than 1.12 times the very low income guidelines established by the United States Office of the Management and Budget, U.S. Department of Housing and Urban Development, may be granted an exemption as outlined above. Such exemptions are given free of charge from Klamath County Air Quality upon application. All low income exempted families have until December 31, 1997, to install a secondary heat source that they can afford to operate in lieu of a solid fuel-fired heating applicance on red and yellow days.

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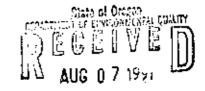
(3) SOLE SOURCE. Residents whose sole source of heat is a solid fuel-fired heating appliance may be granted an exemption as outlined above. All sole source heat households, except those that are tenant occupied, have until December 31, 1995, in which to install a secondary heat source. No exemptions will be issued after this date unless that person qualifies under the low income exemption.

170.400 Variances.

36 - (1) HEALTH AND/OR SAFETY ISSUES. Variances are available only through Klamath County Air Quality. Burning conducted under the terms of a variance must be carried out in compliance with fire permits issued by county fire departments or Oregon. State Forestry. All fires must be out by sunset. Variances are available.

 (2) EMERGENCY CONDITIONS. An Air Quality Control Area-wide exemption to 170.150 shall be granted during periods in which: utilities declare energy shortages or electrical power outages occur. Enforcement action will be dropped when interruptions occur of natural gas supplies or temporary failure occurs of a homeowner's space heating system when there is an immediate need to operate a solid fuel space heating device to protect family/individual health.

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14. (1) NOTICE OF NONCOMPLIANCE. When Klamath County Air Quality inspectors have visually observed that a person has violated the terms of this ordinance, a Notice and Order setting forth the alleged violation shall be issued. The Notice shall be served by Certified Mail with a return receipt requested. Such Notice and Order will specify corrective action that must be taken (except for notices to cease and desist from operation of a polluting device). Violators will have five days to take corrective action. The violator will notify Klamath County Air Quality that such corrective action has been taken. During the first year following adoption, an exemption of Notice and Order will be granted to low income homeowners where exemptions registration with Klamath County Air Quality may apply, as provided for under 170.350.

(2) ISSUANCE OF SUMMONS AND COMPLAINT. When a person has not complied with the Notice and Order, the County shall issue a Compliance Order and/or Summon and Complaint with the Court of competent jurisdiction for violation of this Ordinance. The County may also obtain injunctive relief, abate the nuisance or otherwise correct the violation of this Ordinance through the Court.

(3) AREA OF APPLICABILITY OF ORDINANCE. This Ordinance shall apply within all areas of the county as designated in the ordinance. The essential pollution monitoring area is the Air Quality Control Area and the Klamath Falls Urban Growth Boundary (as defined in 170.005) including applying within the incorporated limits of the City of Klamath Falls upon consent of City of Klamath Falls City Council.

170.500 Penalty Schedule.

(1) VIOLATION OF AIR ADVISORY CURTAILMENT CALLS. Continued operation of a solid-fuel fired device without an exemption or performing open burning following the declaring of a red or yellow advisory will result in enforcement action. The penalty which may be imposed upon conviction based on Summons and Complaint for violation of any provision of 170.100 or 170.150 (excluding Prohibited Materials Burning) shall be:

(a) First offense violators of this Ordinance may receive a warning. Klamath County Air Quality shall notify the violator, by registered mail, of their noncompliance and of the penalty schedule.

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- (b) First offense violations of this Ordinance may be punishable by a fine of TWENTY FIVE DOLLARS (\$25,00).
- (c) Second offense violations of this Ordinance shall be punishable by a fine of ONE HUNDRED DOLLARS (\$100.00)
- (d) Subsequent violations shall be punishable by a maximum fine of TWO HUNDRED FIFTY DOLLARS (\$250.90) per occurrence.
- (2) FAILURE TO OBTAIN REQUIRED PERMITS. Failure to obtain a permit for a solid fuel-fired heating appliance, incinerator, burn barrel or open burning pile shall be punishable by a fine of FIFTY DOLLARS (\$50.00) for each day the violator continues to operate without a permit.

Nothing in this Section shall restrict the authority of the Court to enforce injunctive relief.

- (3) PROHIBITED MATERIALS BURNING PENALTIES. The maximum penalty which may be imposed upon conviction based on Summons and Complaint for violation of the provisions of Section 3.6, and Section 7.1, of this ordinance shall be:
 - (a) First offense violations shall be punishable by a fine of FIFTY DOLLARS (\$50.00).
 - (b) Second offense violations shall be punishable by a fine of ONE HUNDRED DOLLARS (\$100.00).
 - (c) Subsequent violations shall be punishable by a fine of FIVE HUNDRED DOLLARS (\$500.00) per occurrence.

170.550 Severability. If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional in a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and shall not affect the validity of the remaining portion thereof.

170.600 Right of Review.

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(1) Review Body. Anyone against whom an enforcement action is taken by Klamath County Air Quality under the provisions of this ordinance has the Right of Review. Such review will be before the Klamath County Hearings Officer or the appropriate court: District Court or Justice Court per Klamath County Code Chapter 500.

- (2) Conduct of Hearing. The Hearings Officer shall conduct an Enforcement Hearing in accordance with Article 24.
 - The Hearings Officer shall hear testimony and consider other evidence concerning the conditions constituting cause to enforce this code.
 - Respondents to enforcement actions may be present at such hearing, may be represented by a person of his/her choice and may present testimony.
 - The hearing need not be conducted according to technical rules relating to evidence and witnesses, and may be continued.
 - The Hearings Officer shall consider the evidence and make findings to support any action which the Hearings Officer is empowered to take by this code, including, but not limited to enforcement. Thereafter, the Hearing Of ficer shall issue an order within 15 days following the enforcement hearing. .
- 170.650 Contingency Strategies. The following Best Available 24. Control Measures (BACM) to west U.S. Environmental Protection Agency requirements will automatically become a part of this 26 ordinance and as enforceable should Klamath County fail to tain the National Ambient Air Quality Standard within the time frame specified by the federal Clean Air Act of 1990.
- 30 Dust control chemicals or laying of asphalt will be required of property owner of record on barren lots on which veg-.31 etation has been beaten down from use, public or private land-fill sites, abandoned construction sites and abandoned . 32 33 quarry/concrete sites within the Urban Growth Boundary. -34. 35
 - Private on publicly owned hauling trucks with dirt/rock loads will be covered within the Urban Growth Boundary whether parked or travelling on city, county or state maintained roadways.
- 41 Construction sites within the Urban Growth Boundary will be required to have an asphalt trackout strip to reduce dust 42 within the Urban Growth Boundary. 43 44
- 45 No off-road driving by any kind of vehicle in fields and hillsides will be allowed within the Urban Growth Boundary, un-46 47 less such field or hillside is a construction or other organized use site.

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ED KENTNER, Commissioner